(for US, CN)

What Is Claimed Is:

1.   A method of selecting a network between telecommunication networks for at least two terminals capable of exchanging data in a first frequency band of a first telecommunication network with subscription and in a second frequency band of a second telecommunication network without subscription, comprising the steps of:

estimating a distance between two terminals; and

switching an operation frequency of each of these two terminals from the first frequency band to the second frequency band if the distance between the two terminals is smaller than a predetermined value.

2.   The method according to claim 1, wherein the predetermined value represents a radius of coverage of the second telecommunication network.

3.   The method according to claim 2, wherein the switching to the second telecommunication network depends on QoS assured by the second telecommunication network.

4.   The method according to claim 1, wherein the estimating of the distance between the two terminals is performed by the telecommunication network.

5.   The method according to claim 4, wherein said telecommunication network used in the estimating of the distance is the first telecommunication network.

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6.   The method according to claims 1 , wherein the estimating of the distance between the two terminals comprises the steps of:

the calling terminal receiving its own geographical position P_A and a geographical position P_B of a called terminal from the telecommunication network; and

the calling terminal calculating the distance that separates the calling terminal from the called terminal from the positions P_A and P_B.

7.   The method according to claim 5, wherein said telecommunication network used in the estimating of the distance is the first telecommunication network.

8.   The method according to claim 1, wherein the estimating of the distance between the two terminals comprises the steps of:

a called terminal requesting own geographical position P_B of said called terminal from the telecommunication network and transmitting the geographical position P_B to the calling terminal; and

the calling terminal requesting own geographical position P_A of the calling terminal from the telecommunication network and calculating the distance that separates the calling terminal from the called terminal according to positions P_A and P_B.

9.   The method according to claim 8, wherein said telecommunication network used in the estimating of the distance is the first telecommunication network.

10.   The method according to any one of claims 1, wherein the first

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telecommunication network is either a UMTS network or a GSM network, and wherein the second telecommunication network is one of Bluetooth, Wi-Fi, and DECT networks.

11. A device for selecting a network between telecommunication networks for at least two terminals, each comprising a radio access module for communicating in a first frequency band of a first telecommunication network with subscription and in a second frequency band of a second

5   telecommunication network without subscription, said device comprising:

means for estimating a distance between two terminals; and

means for switching an operation frequency of each of the two terminals from the first frequency band to the second frequency band if the distance between the two terminals is smaller than a predetermined value.

12. The device according to claim 11, further comprising means for calculating the distance between the two terminals according to spatial coordinates of the two terminals.

13. A mobile communication terminal, comprising:

a radio access module for communicating with at least a second terminal in a first frequency band of a first telecommunication network with subscription and in a second frequency band of a second telecommunication

5   network without subscription, and

a network selection module suitable for estimating a distance between the mobile terminal and the second terminal and for switching an operation frequency of said mobile terminal from the first frequency band to the second frequency band if the distance between the two terminals is smaller than a

10   predetermined value.